

an end piece located near a hinge between the first and second arms that is operable to removably couple the clamp with the end of the inner sleeve.

14. The removable adaptor bar device for coupling with and securely transporting a bicycle using a vehicle of claim **8**, wherein the clamp further comprises:

a first gripping surface on an inward facing side of the first arm; and

a second gripping surface on an inward facing side of the second arm.

15. The removable adaptor bar device for coupling with and securely transporting a bicycle using a vehicle of claim **8**, wherein the clamp further comprises:

a clamp coupling feature that is coupled to the first arm; and

a strap, coupled to the second arm that is operable to be coupled with the clamp coupling feature around a bar of the bicycle.

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